SANTO

Integrierbare Kühlschränke
Integrating Refrigerators

Ⓓ Gebrauchsanweisung
ⒼⒷ Operating Instructions

Dear customer,

Before placing your new refrigerator into operation please read these operating instructions carefully. They contain important information for safe use, for installation and for care of the appliance.

Please keep these operating instructions for future reference. Pass them on to possible new owners of the appliance.

These operating instructions are for use with several technically comparable models with varying accessories. Please observe the notes which apply to your model.

Notes which are important for your safety or for the proper functioning of the appliance are stressed with a warning triangle and/ or with signal words **(Warning!, Caution!, Attention!)**. Please observe the following carefully.

☞ **1.** This symbol and numbered instructions guide you step by step in the operation of the appliance.

2. .....

Supplementary information regarding operation and practical applications of the appliance appear after this symbol.

Tips and notes concerning economical and environmentally sound use of the appliance are marked with the cloverleaf.

Explanations of the technical terminology used in the operating instructions can be found at the end in the section "Technical Terminology".

The operating instructions contain instructions for the correction of possible malfunctions by the user in the section "What to do if ...". If these instructions should not be sufficient, our customer service department is always available to you.

Printed on paper manufactured with environmentally sound processes.
he who thinks ecologically acts accordingly ...

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⚠ Safety

The safety aspects of our refrigerators comply with accepted technical standards and the German Appliance Safety Law. Nevertheless, we consider it our obligation to make you aware of the following safety information:

Intended use

- The refrigerator is intended for use in the home. It is suitable for the cooling, freezing and storing of frozen food, as well as for making ice. If the appliance is used for purposes other than those intended or used incorrectly, no liability can be accepted by the manufacturer for any damage that may be caused.
- Alterations or changes to the refrigerator are not permitted for reasons of safety.
- If you use the refrigerator in a commercial application or for purposes other than the cooling, freezing or frozen storage of foods, please observe all valid legal regulations for your application.

Prior to initial start–up

- Check the refrigerator for transport damage. Under no circumstance should a damaged appliance be plugged in! In the event of damage, please contact the vendor.

Refrigerant

The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.

- **Warning –** During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
- If the refrigerant circuit should become damaged:
  – avoid open flames and sources of ignition;
  – thoroughly ventilate the room in which the appliance is situated.

Safety of children

- Packaging (e.g. wraps, polystyrene) can be dangerous for children. There is a risk of suffocation! Keep packaging material away from children!

- Please make old appliances unusable prior to disposal. Pull out the mains plug, cut off the mains cable, break or remove spring or bolt catches, if fitted. By doing this you ensure that children cannot lock themselves in the fridge when playing (there is risk of suffocation!) or get themselves into other dangerous situations.
- Often children cannot recognise the hazards present in household appliances. It is therefore important that you ensure adequate supervision and never let children play with the appliance!

Daily Operation

- Containers with flammable gases or liquids can leak at low temperatures. There is a risk of an explosion! Do not store any containers with flammable materials such as, for example, spray cans, fire extinguisher refill cartridges etc in the refrigerator.
- Bottles and cans must not be placed in the freezer compartment. They can burst when the contents freeze, high carbonate content drinks can even explode! Never store lemonade, juices, beer, wine, sparkling wine etc. in the freezer compartment. Exception: high alcohol content spirits can be stored in the freezer compartment.
- Do not put ice creams or ice cubes in the mouth immediately after removal from the freezer compartment. Very cold ice can freeze to the lips or tongue and cause injury.
- Do not touch frozen food with wet hands. Your hands could freeze to the food.
- **Warning** - Do not operate any electrical appliances in the refrigerator (e.g. electric ice cream makers, mixers etc.) unless they have been authorised by the manufacturer.
- **Warning –** In order not to impair the function of the appliance, never cover or obstruct the ventilation openings.
- **Warning** - Do not use any mechanical devices or other artificial means to speed up defrosting unless they are recommended by the manufacturer.
- Before cleaning the appliance, always switch off the appliance and unplug it, or pull the house fuse or switch off the circuit breaker.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

In case of malfunction

- If the a malfunction occurs on the appliance, please look first in the "What to do if ..." section of these instructions. If the information given there does not help, please do not perform any further repairs yourself.

- Refrigerators may only be repaired by qualified service engineers. Improper repairs can give rise to significant hazards. If your appliance needs repairing, please contact your specialist dealer or our Customer Service.

Disposal

Appliance Packaging Information

All materials are environmentally sound! They can be dumped or burned at an incinerating plant without danger!

About the materials: The plastics can be recycled and are identified as follows:

>PE< for polyethylene, e.g. the outer covering and the bags in the interior.
>PS< for polystyrene foam, e.g. the pads, which are all free of chlorofluorocarbon.

The carton parts are made from recycled paper and should be disposed of at a waste-paper recycling collection location.

Disposal of old Appliances

For environmental reasons, refrigeration appliances must be disposed of properly. This applies to your old appliance, and - at the end of its service life - for your new appliance as well.

Warning! Before disposing of old appliances make them inoperable. Remove plug from mains, sever the power cable, remove or destroy any snap or latch closures. This eliminates the danger of playing children locking themselves into the appliance (danger of suffocation!) or place themselves into other life-endangering situations.

Disposal:

- The appliance may not be disposed of with domestic waste or bulky refuse.
- The refrigerant circuit, especially the heat exchanger at the back of the appliance, should not be damaged.
- Information concerning collection schedules or locations can be obtained from the local disposal authorities or town hall.

Remove transport safeguard

The appliance and the interior fittings are protected for transport.

☞ **1.** Remove all adhesive tape and packing pieces from the interior of the appliance.

ⓘ You can remove any remnants of adhesive using white spirit.

2. If present, remove protective film from the control panel.

Installation

Installation Location

The appliance should be set up in a well ventilated, dry room.

Energy use and efficient performance of the appliance is affected by the ambient temperature.

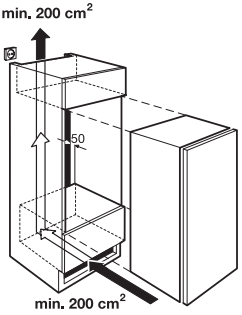
The appliance should therefore
– not be exposed to direct sunlight;
– not be installed next to radiators, boilers or other sources of heat;
– only be installed at a location whose ambient temperature corresponds to the climate classification, for which the appliance is designed.

The climate classification can be found on the rating plate, which is located at the left on the inside of the appliance.
The following table shows which ambient temperature is correct for each climate classification:

Climate classification	for an ambient temperature of
SN	+10 to +32 °C
N	+16 to +32 °C
ST	+18 to +38 °C
T	+18 to +43 °C

Your refrigerator needs ventilation

Integratable models (i-appliances)
The integrated door of the furniture cabinet largely seals the installation recess. i-appliances must therefore be provided with ventilation by having an opening in the furniture plinth. The warmed air must be able to be exhausted upwards through the air shaft on the furniture back. The ventilation cross-sections should be at least 200 cm^2.



Warning – In order not to impair the function of the appliance, never cover or obstruct the ventilation openings.

Installation

See installation instructions supplied.
Please check whether, after installing your appliance and especially after rehingeing the door, the door seal seals right round. An untight door seal may lead to heavy frosting and thereby to a higher power consumption (see also „What to do if...“).

Electrical connection

☞ **1.** Before initial start-up, refer to the appliance rating plate to ascertain if supply voltage and current values correspond with those of the mains at the installation location.
e.g.: AC 220 ... 240 V 50 Hz or
220 ... 240 V~50 Hz
(i.e. 220 to 240 volts alternating current, 50 Hertz)
The rating plate is inside the appliance on the left.

A correctly installed, earthed socket is required for the electrical supply. The supply must have a fuse rating of at least 10 Amps.
If the socket is not accessible once the appliance is built in, the electrical installation must include suitable means of isolating the appliance from the mains (e.g. fuse, cut-out, current trip or similar with a minimum contact separation of 3 mm).
Attention: The mains connection cable may only be replaced by a skilled electrician. Please contact your dealer or our customer service department for repairs.

Electrical Connection (valid for United Kingdom only)

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

WARNING – THIS APPLIANCE MUST BE EARTHED

The manufacturer declines any liability should these safety measures not be observed.

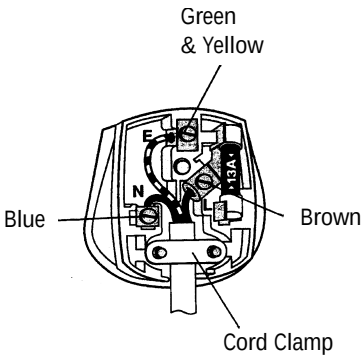
Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate. The rating plate is inside, on the left.

The appliance is supplied with a 13 amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

Important

The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	Earth
Blue	Neutral
Brown	Live



As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings indentifying the terminals in your plug, proceed as follows:

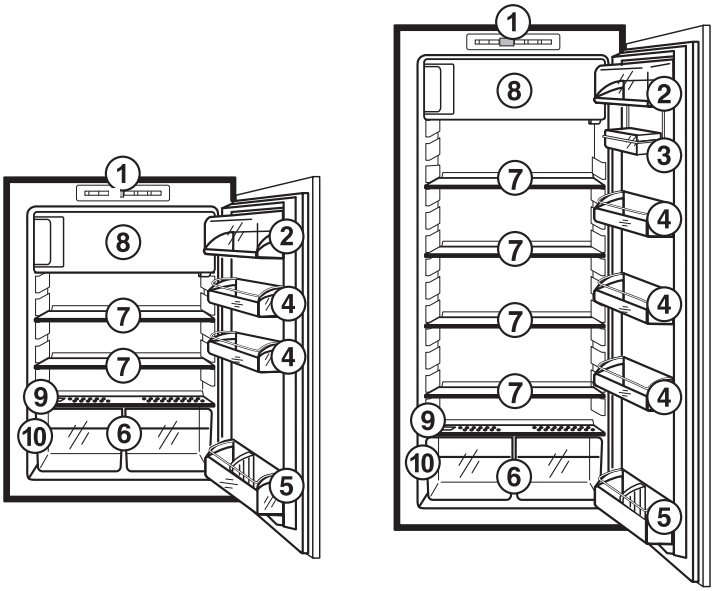
1. The wire coloured green and yellow must be connected to the terminal marked with the letter „E“ or by the earth symbol ⏚ or coloured green and yellow.
2. The wire coloured blue must be connected to the terminal „N“ or coloured black.
3. The wire coloured brown must be connected to the terminal marked „L“ or coloured red.
4. Upon completion there must be not cut, or stray strands of wire present and the cord clamp must be secure over the outer sheat.

Warning! A cut-off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that the cut-off plug is disposed of safely.

Appliance Description

View of Appliance

(various models)



① Control panel

② Butter and cheese compartment with lid

③ Variable storage box (not included with all models, design differs depending on the model)

④ Door storage compartments

⑤ Bottle compartment

Bottle holder (not on all models)

⑥ Fruit and vegetable trays

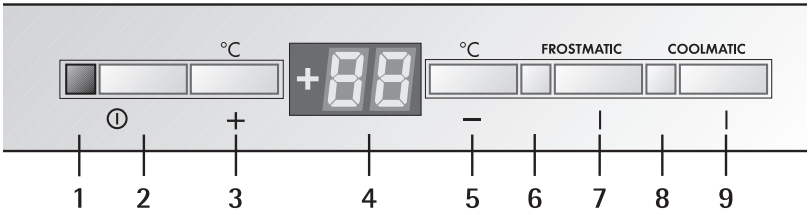
⑦ Shelves

⑧ Freezer compartment (for storage and freezing)

⑨ Moisture regulation

⑩ Rating plate

Control panel

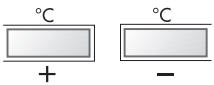


1 Mains pilot indicator (green)
2 ON/OFF button
3 Temperature setting button (for warmer temperatures)
4 Temperature display
5 Temperature setting button (for colder temperatures)
6 FROSTMATIC function "on" indicator (yellow)
- FROSTMATIC for freezing items quickly in the freezer compartment

7 FROSTMATIC button
8 COOLMATIC function "on" indicator (yellow)
- COOLMATIC for intensive fridge cooling

9 COOLMATIC button

Temperature setting buttons



The temperature is adjusted using the „+“ (WARMER) and „-“ (COLDER) buttons.

These buttons are connected to the temperature display.

- The temperature display is switched over from the display of the ACTUAL temperature (Temperature display is illuminated) to the display of the DESIRED temperature (Temperature display flashes) by pressing one of the two buttons, „+“ (WARMER) or „-“ (COLDER).
- Each time one of the two buttons is pressed again the DESIRED temperature is adjusted by 1 °C.
- If neither button is pressed, the temperature display automatically switches back after a short period (approx. 5 sec.) to the display of the ACTUAL temperature.

DESIRED temperature means:
The temperature that has been selected for inside the fridge. The DESIRED temperature is indicated by flashing numbers.

ACTUAL temperature means:
The temperature display indicates the current temperature inside the fridge. The ACTUAL temperature is indicated with illuminated numbers.

Temperature display

The temperature display can indicate several pieces of information.

- During normal operation, the temperature currently present in the fridge (ACTUAL temperature) is displayed.
- When the temperature is being adjusted a flashing display indicates the fridge temperature currently set (DESIRED temperature).

Prior to Initial Start–Up

☞ **1.** Please clean the appliance interior and all accessories prior to initial start-up (see section: “Cleaning and Maintenance”).

Starting Up – Setting the Temperature

☞ **1.** Plug the mains plug into the mains socket.

2. Press ON/OFF button.
The green mains pilot indicator illuminates.

3. Press either the „+“ (WARMER) or „-“ (COLDER) button.
The temperature display switches over and the DESIRED temperature currently set flashes on the temperature display.

4. Set the required temperature by pressing the „+“ (WARMER) or „-“ (COLDER) buttons (see section "Temperature setting buttons"). The temperature display will immediately show the changed setting.
Each time the button is pressed the temperature is adjusted by 1 °C.
Adjustable temperature range: +2 °C to +8 °C

i From a food safety point of view +5 °C should be considered sufficiently cold for storing food in the fridge.

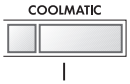
5. Once the required temperature has been set, after a short period (approx. 5 sec.) the temperature display will change and again indicate the current ACTUAL temperature inside the fridge. The display will change from flashing to continuous illumination.

The compressor will start and then run automatically.
Information! When the setting is changed, the compressor does not start immediately if automatic defrosting is currently taking place.

i As the storage temperature within the fridge is reached quickly you can store food immediately after switching on.
Important! Wait until the freezer compartment has reached a temperature of –18 °C, before storing frozen food.

COOLMATIC/FROSTMATIC

COOLMATIC Button

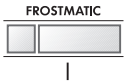


The COOLMATIC function is suited for quick cooling of large quantities of goods in the refrigerator, e.g. drinks and salads for a party.

☞ **1.** The COOLMATIC function is switched on by pressing the COOLMATIC button. The yellow light illuminates.
The COOLMATIC function now provides for intensive cooling. A DESIRED temperature of +2 °C is automatically selected. The COOLMATIC function is ended automatically after a period of 6 hours. The originally selected DESIRED temperature is again valid. The temperature display shows the ACTUAL refrigerator temperature.

2. The COOLMATIC function can be ended manually at any time by pressing the COOLMATIC button again. The yellow light goes out.

FROSTMATIC Button



The FROSTMATIC function accelerates the freezing of fresh food and, at the same time, protects foodstuffs already stored from undesirable warming.

☞ **1.** The FROSTMATIC function is switched on by pressing the FROSTMATIC button. The yellow light illuminates.
If the FROSTMATIC function is not ended manually, the appliance electronics switch off the FROSTMATIC function after 48 hours. The yellow light goes out.

2. The FROSTMATIC function can be ended manually at any time by pressing the FROSTMATIC button again. The yellow light goes out.

i When the FROSTMATIC function is switched on the ACTUAL temperature in the fridge can fall slightly. Once the FROSTMATIC function has been switched off the selected DESIRED temperature will be resumed.

i **Warning:** The COOLMATIC and FROSTMATIC functions cannot be switched on simultaneously.
If the COOLMATIC or FROSTMATIC functions are switched on the temperature setting may not be changed.

Switching the Appliance off

☞ **1.** To switch off, hold down the ON/OFF button for approx. 5 seconds. This will result in a countdown from "3" to "1" taking place in the temperature display. After reaching "1" the fridge will switch off. The temperature display will go off.

Note:
The appliance cannot be switched on or off if unplugged, or if there is no power being supplied to it.
Following connection to the mains power supply, the appliance returns to the same operating state as before the interruption of main power.

If the appliance is not going to be used for an extended period:

1. Switch off the appliance, holding down the ON/OFF button until the display goes off (see above).

2. Remove the mains plug or switch off or turn out the circuit breaker or fuse.

3. Defrost the freezer compartment and clean the appliance thoroughly (see section: “Cleaning and Maintenance”).

4. Finally, leave the doors open so as to avoid a build up of odours.

Interior Accessories

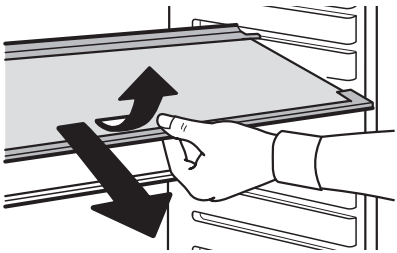
Storage Shelves

Your appliance is equipped with glass storage shelves.
The glass shelf above the fruit and vegetable compartment must always remain in this position so that fruit and vegetables stay fresh longer.

The remaining storage shelves can be adjusted to various heights:

☞ **1.** Pull the storage shelf forward until it can be tipped up or down and removed.

2. To insert at a different height use the same procedure in reverse.



Adjustment for tall goods:

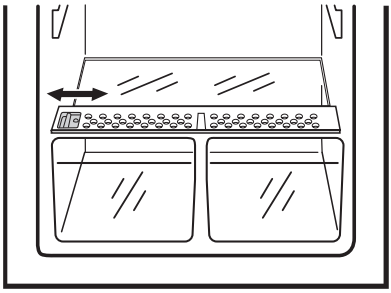
☞ **1.** Remove the front half of the two-part vario glass storage shelf and insert it at a different level. Space is thus gained for storage of tall goods on the underlying storage shelf.

Variable Inner Door

The door compartments can be pulled up and removed, and inserted at other positions as needed.

Humidity Control

On some models, there is an adjustable air grille in front of the shelf above the fruit and vegetable compartments.
The opening in the ventilation slots can be adjusted with a slider.

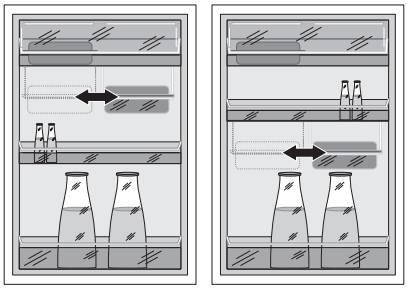


Slider in right position: Ventilation slots opened.
Slider in left position: Ventilation slots closed.
With the ventilation slots open, the stronger air circulation results in a lower air moisture content in the fruit and vegetable compartments.
When the ventilation slots are closed, the natural moisture content of the food in the fruit and vegetable compartments is preserved for longer.

Variable Storage Box

(not on all models, design differs depending on the model)

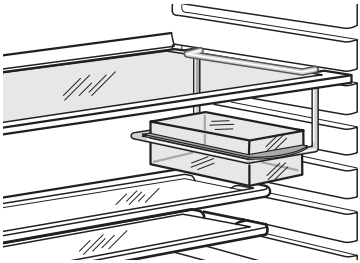
Some models are equipped with a variable storage box which is fitted under a door shelf compartment and can be slid sideways.
The box can be inserted under every door shelf compartment.



☞ **1.** To change, lift the shelf compartment with the box upwards and out of the holders in the door and remove the retaining bracket out of the guide under the shelf compartment.

2. Please do the same in reverse to insert the shelf at a different height.

The variable box can be hung from a storage shelf in the refrigerator compartment:



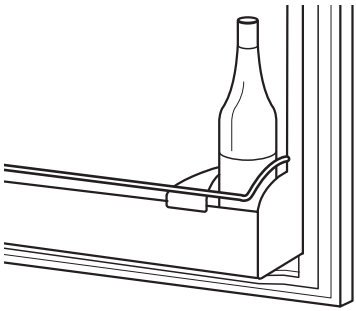
☞ **1.** Pull the storage shelf forward until it can be tipped up or down and removed.

2. Hang the retaining bracket on the taper on the storage shelf and slide the storage shelf back into the guides.

Bottle Holder

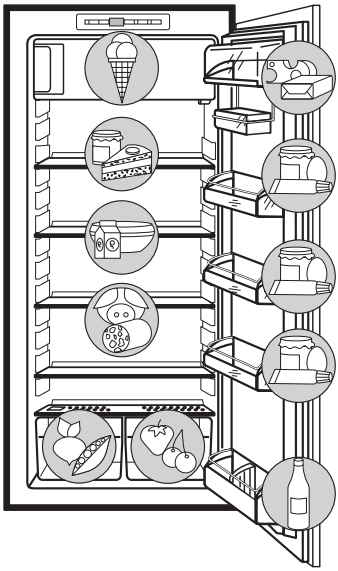
(not included with all models)

Some models are equipped with a bottle holder in the bottle compartment. This is used to prevent individual bottles from falling over and can be slid sideways.



Correct Storage

For physical reasons, there are different temperature regions in the fridge. The coldest region is on the lowest storage shelf. Warmer regions are the top storage shelf, the vegetable basket and the storage compartments on the door.
The arrangement example shows at which places in the refrigerator suitable temperatures for various types of foods exist.



Tip: Food in the fridge should always be covered or packaged, to prevent drying and tainting of other food.

The following are suited for packaging:
– Polyethylene airtight bags and wraps;
– Plastic containers with lids;
– Special plastic covers with elastic;
– aluminium foil.

Freezing and storing frozen food

Important!

- The temperature in the freezer compartment must be –18 °C or colder before freezing food or storing food already frozen.
- Please observe indicated freezing capacity on the rating plate. The freezing capacity represents the maximum amount of fresh goods that can be frozen within 24 hours. If you freeze goods on several days, one after the other, freeze amounts equal to 2/3 to 3/4 of the capacity indicated on the rating plate.
- Allow warm food to cool down before freezing. The warmth will cause increased ice formation and increase the power consumption.
- Please observe maximum storage times and expiry dates of frozen goods.
- Thawed foods which have not been processed further (cooked into meals) may not under any circumstances be frozen a second time.

- Do not freeze too large a quantity at any one time, the quality of the food is best preserved when it is frozen right through to the core as quickly as possible.

☞ **1.** For exploitation of maximum freezing capacity press the FROSTMATIC button 24 hours prior to freezing, or 4 to 6 hours for smaller quantities. Yellow display lights up.

i The FROSTMATIC button need not be pressed for freezing of small quantities.

2. All foods must be packed air tight prior to freezing, so that they do not dry out or lose their flavour, and so that no flavour contamination of other frozen goods occurs.
Caution! Do not touch frozen food with wet hands. Your hands could freeze to the food.

3. Lay the packaged food on the floor of the freezer compartment. Unfrozen food must not touch items already frozen, otherwise the frozen food could begin to defrost.

4. Carefully close the freezer compartment door.

i The appliance's electronics switch off the FROSTMATIC function automatically after 48 hours. The yellow light goes out. You can also end the FROSTMATIC function manually by pressing the FROSTMATIC button again.

i When the FROSTMATIC function is switched on the ACTUAL temperature in the fridge can fall slightly. Once the FROSTMATIC function has been switched off the selected DESIRED temperature will be resumed.

Tips:

- The following are suited for the packaging of frozen goods:
  – freezer bags and polyethylene wraps;
  – special cans for frozen goods;
  – extra–thick aluminium foil.
- The following are suitable for sealing bags and wrap:
  plastic clips, rubber bands or tape.
- Smooth the air out of the bag before sealing; air makes it easier for the frozen food to dry out.
- Make flat packages, because these freeze more quickly.
- Do not fill cans for frozen goods to the brim with liquid or paste–like goods, because liquids expand during freezing.

Preparation of Ice Cubes

☞ **1.** Fill the ice cube tray 3/4 full with cold water, place it in the freezer compartment and leave to freeze.

2. To loosen the frozen cubes, either bend the ice cube tray or hold it under running water for a few seconds.
Important! Never try to free an ice tray that is frozen to the freezer compartment using pointed or sharp edged objects. Use a spoon handle or similar.

Defrosting

The fridge defrosts automatically

The rear wall of the fridge covers with frost when the compressor is running, and defrosts when the compressor is off.
The water from the thawing frost is collected in the drain channel on the rear of the fridge, feed through the drain hole into the collector on the compressor, and then evaporated.
The water drainage hole must be cleaned regularly (see the section "Cleaning and Maintenance").

Defrosting the freezer compartment

During use and when the freezer compartment door is opened, moisture is deposited in the freezer compartment as frost. Remove this frost from time to time with a soft plastic scraper, e.g. a pastry scraper. Under no circumstances use hard or pointed objects to remove frost. The freezer compartment should always be defrosted when the layer of frost has reached a thickness of approx. 4 millimetres; however at least once a year. A good time for defrosting is when the appliance is empty or contains only little food.

⚠ **Warning!**

- Do not use electrical heating appliances or any other mechanical or artificial devices to speed up the defrosting process, with the exception of those recommended in these operating instructions.
- Do not use defrosting sprays, they can be hazardous to your health and/or contain substances that damage plastics.

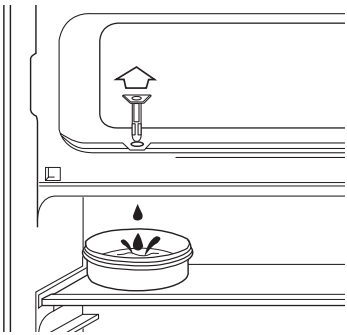
Caution! Do not touch frozen food with wet hands. Your hands could freeze to the food.

☞ **1.** Switch on the FROSTMATIC function a few hours before defrosting to make sure frozen food remains sufficiently frozen.

2. Remove frozen food, wrap it in several layers of newspaper and store it, covered, in a cool place.

3. Switch off the appliance and unplug it, or pull the fuse or switch off the circuit breaker.

4. Remove the stopper from the melt-water outlet and place a bowl underneath it to catch the melt-water.



Tip: You can speed up the defrosting process by placing a pan with warm water in the freezer compartment and closing the door. Remove pieces of ice that have fallen before they completely defrost.

5. After defrosting, thoroughly clean the unit, including the inside (see "Cleaning and Maintenance" section). Replace the stopper in the melt-water outlet.

6. Put the food inside and put the unit back into operation.

7. Do not forget to switch the FROSTMATIC function off again.

Energy Saving Tips

- Do not install the appliance near boilers, radiators or other sources of warmth. High ambient temperatures cause longer, more frequent operation of the compressor.
- Ensure sufficient air circulation and exhaust at the appliance base and at the back wall of the appliance. Never cover air vent openings.
- Do not place warm foods into the appliance. Allow warm foods to cool first.
- Only leave door open as long as necessary.
- Do not set temperature any colder than necessary.
- Put frozen food in the fridge to defrost. The cold in the frozen food will then be used to cool the fridge.

Cleaning and Maintenance

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.

Warning!

- The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.
- Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapours can lead to the damage of plastic parts.
- The appliance must be dry before it is placed back into service.

Attention!

- Ethereal oils and organic solvents can attack plastic parts, e.g.
  – lemon juice or the juice from orange peals;
  – butyric acid;
  – cleansers which contain acetic acid.
  Do not allow such substances to come into contact with appliance parts.
- Do not use any abrasive cleansers.

☞ **1.** Remove frozen food and the food from the refrigerator. Wrap frozen food in several layers of newspaper. Store it in a cool place, well covered.

2. Defrost the freezer compartment (see "Defrosting" section).

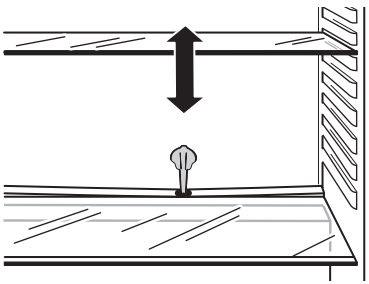
3. Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.

4. Clean the appliance and the interior accessories with a cloth and lukewarm water. Commercially available dish washing detergents may also be used.

5. After cleaning wipe with fresh water and rub dry.

6. Regularly unblock the condensation water drainage hole in the rear wall of the refrigeration chamber with the aid of the green strip inserted into the drainage hole.

7. After everything is dry place appliance back into service.



What to do if ...

Correcting Malfunctions

A malfunction may be caused by only a minor fault that you can rectify yourself using the following instructions. Do not perform any other work on the appliance if the following information does not provide assistance in your specific case.

Warning! Repairs to refrigerators may only be performed by qualified service engineers. Improper repairs can give rise to significant hazards for the user. If your appliance needs repairing, please contact your specialist dealer or our Customer Service.

Malfunction	Possible Cause	Remedy
Appliance does not work.	Appliance is not switched on.	Switch on the appliance.
	Mains plug is not plugged in or is loose.	Insert mains plug.
	Fuse has blown or is defective.	Check fuse, replace if necessary.
	Socket is defective.	Mains malfunctions are to be corrected by an electrician.
Appliance cools too much.	Temperature is set too cold.	Turn the temperature regulator to a warmer setting temporarily.
The food is too warm.	Temperature is not properly adjusted.	Please look in the "Starting up - Setting the Temperature" section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulator to a colder setting temporarily.
	The appliance is near a heat source.	Please look in the "Installation" section.
Interior lighting does not work.	Light bulb is defective.	Please look in the "Replacing the Light Bulb" section.

Malfunction	Possible Cause	Remedy
Water on the floor or on storage shelves.	Water drain hole is blocked.	See the "Cleaning and Maintenance" section.
Heavy build up of frost, possibly also on the door seal.	Door seal is not air tight (possibly after changing over the hinges).	Carefully warm the leaking sections of the door seal with a hair dryer (not hotter than approx. 50 °C). At the same time shape the warmed door seal by hand such that it sits correctly.
The compressor does not start immediately after changing the temperature setting.	This is normal, no error has occurred.	The compressor starts after a period of time.
Temperature cannot be set	COOLMATIC or FROSTMATIC function switched on.	Switch off COOLMATIC or FROSTMATIC manually, or wait to set the temperature until the function has reset automatically (refer also to COOLMATIC/FROSTMATIC section).

Replacing the Light Bulb

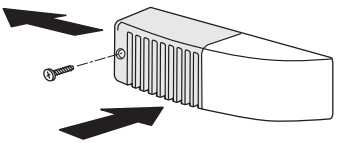
⚠ **Warning!** There is a risk of electric shocks! Before changing the light bulb, switch off the appliance and unplug it, or pull the fuse or the circuit breaker.

Light bulb specification: 220-240 V, max. 15 W or 25 W (depending on model; please note printed information on the transparent cover).
Fitting: E 14

☞ **1.** To switch the appliance off press and hold the ON/OFF button until the mains pilot indicator goes out.

2. Unplug from the mains

3. To change the light bulb, remove the cross head screw, press on the front of the light bulb cover as shown in the figure (arrow) and remove the light bulb cover from the back.



4. Change the defective light bulb.

5. Refit the light bulb cover and the cross head screw.

Noises during Operation

The following noises are characteristic of refrigeration appliances:

- **Clicks**
  Whenever the compressor switches on or off, a click can be heard.
- **Humming**
  As soon as the compressor is in operation, you can hear it humming.
- **Bubbling/Splashing**
  When refrigerant flows into thin tubes, you can hear bubbling or splashing noises. Even after the compressor has been switched off, this noise can be heard for a short time.

Regulations, Standards, Guidelines

This appliance was designed for household use and was manufactured in accordance with the appropriate standards. The necessary measures in accordance with appliance safety legislation regulations (GSG), accident prevention regulations for refrigeration appliances (VBG 20) and the regulations of the German Society of Electrical Engineers (VDE) were observed in the manufacture of this appliance.
The refrigerant circuit has been checked for leaks.

CE This appliance is in accordance with the following EU guidelines:
– 73/23/EWG dated 19 February 1973 - low voltage guidelines.
– 89/336/EWG dated 3 May 1989
(including guideline change notice 92/31/EWG) - EMV guideline
– 94/2/EC dated 21. 01. 1994 - Directive on Energy Labelling
– 96/57 EC dated 3. 9. 1996 - Energy Efficiency Requirements of Household Electric Refrigerators, Freezers and Combinations thereof.

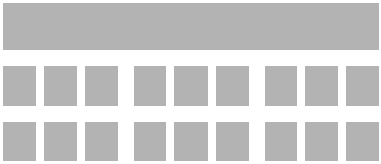
Technical Terminology

- **Refrigerant**
  Liquids that can be used to a generate a cooling effect are known as refrigerants. They have a relatively low boiling-point, indeed so low, that the warmth from the food stored in the fridge or freezer can cause the refrigerant to boil and vaporise.
- **Refrigerant Circuit**
  Closed circulation system that contains the refrigerant. The refrigerant circuit comprises primarily of an evaporator, a compressor, a condenser and pipe work.
- **Evaporator**
  The refrigerant is evaporated in the evaporator. Similar to all other liquids, refrigerant requires heat to evaporate. This heat is removed from the interior of the appliance, as a result the interior is cooled. The evaporator is therefore located inside the appliance or placed in foam immediately behind the inner wall and thus not visible.
- **Compressor**
  The compressor looks like a small drum. It is driven by a built-in electric motor and is mounted on the base of the appliance at the rear. The task of the compressor is to draw in vaporised refrigerant from the evaporator, to compress it, and to pass it on to the condenser.
- **Condenser**
  The condenser normally has the form of a grid. The refrigerant compressed in the compressor is liquefied in the condenser. During this process, heat is released to the surrounding air at the surface of the condenser. The condenser is mounted on the base of the appliance.

Customer Service

If you cannot find the remedy for a malfunction in these operating instructions, please contact your dealer or our customer service department. Addresses and telephone numbers are listed in the accompanying booklet "Guarantee Conditions/Customer Service Locations".
Selective ordering of replacement parts can save unnecessary travel and costs. For this reason always provide the following appliance information:
This information can be found on the rating plate in the interior at the

- Model Name
- Model Number (PNC)
- Serial Number (S-No.)



left of the appliance. We recommend that you enter this information here, so that it is handy if needed.

Note: The customer bears the costs of unjustified customer service calls even during the guarantee period.

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Änderungen vorbehalten
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